

NE
provided. A plant exhibiting resistance to environmental stress can be produced by incorporation of this novel gene into the plant.

IN THE CLAIMS:

✓
Please cancel claims 3-6 without prejudice or disclaimer.

✓
Please add the following new claims 19-22:

- B1 Sub OC1
19. (New) An isolated DNA molecule comprising either of the following nucleotide sequences:
- (a) a nucleotide sequence encoding an amino acid sequence of SEQ ID NO:1, wherein said amino acid sequence is induced by environmental stress and renders a transgenic plant resistant to environmental stress; or
 - (b) a modified nucleotide sequence obtained by nucleotide replacement, deletion, or insertion in the nucleotide sequence of (a), wherein an amino acid sequence encoded by the modified nucleotide sequence is induced by environmental stress and renders said modified plant resistant to environmental stress.

- Sub OC1
20. (New) An isolated nucleotide sequence of SEQ ID NO: 2, encoding the amino acid sequence according to claim 19.

21. (New) An isolated DNA molecule encoding an enzymatically active polypeptide as claimed in claim 19, wherein said nucleotide sequence (a) and said modified nucleotide sequence (b) can hybridize under stringent conditions.

22. (New) The isolated DNA molecule according to claim 19, wherein said environmental stress is injury stress, osmotic pressure stress, salt stress or low-temperature stress.

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could

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